

246312US0/ams

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Tadayuki IWASE, et al.

SERIAL NO:

10/729,961

GAU:

1651

FILED:

December 9, 2003

EXAMINER:

FOR:

PRIMERS FOR DETECTING FUSOBACTERIUM NUCLEATUM BY PCR METHODS AND METHODS FOR

DETECTION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references cited in the attached European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Customer Number

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Vincent K. Shier, Ph. D. Registration Number 50,552

JUN 0 7 2004 A	/	OIPE	<u>ત</u> ે
	PATE	JUN 0 7 2004	16 3013

FOOLPEONAS (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO.		SERIAL NO.					
(Modified)			246312US0	10/729,961							
LIST OF	REFE	RENCES CITED BY AP	PLICANT	PPLICANT adayuki IWASE, et al.							
			FILING DATE	GROUP							
				December 9, 2003		1651					
				U.S. PATENT DOCUMENTS		 					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB FILING DATE CLASS IF APPROPRIATE					
	AA	6,261,769	07/17/2001	K. D. E. EVERETT, et al.							
	AB	5,693,467	12/02/1997	R. O. ROBLIN, III et al.							
	AC										
	AD										
	ΑE										
	AF										
	AG										
FOREIGN PATENT DOCUMENTS											
		DOCUMENT	DATE	COUNTRY	COLINTRY			TRANSLATION			
		NUMBER	DATE	COONIKI		YES	3	NO			
	AH										
	Al										
	AJ										
	AK										
	AL				4.5						
	AM				Ŧ						
		OTHER RI	FERENCES (Including Author, Title, Date, Pertinen	t Pages, e	tc.)					
G. KÜLEKCI, et al., Anaerobe Clinical Microbiology, vol. 7, pages 241-246, XP-002271993, "PCR ANALYSIS OF ACTINOBACILLUS ACTINOMYCETEMCOMITANS, PORPHYROMONAS GINGIVALIS, TREPONEMA DENTICOLA AND FUSOBACTERIUM NUCLEATUM IN MIDDLE EAR EFFUSIÓN", 2001											
	AO	NEWTON & GRAHAM, Spektrum Akadem, pages 184-185, XP-002273072, "TEIL 2: PCR-TECHNIKEN UND ANWENDUNGSMOGLICHKEITEN", 1994									
	AP	Database EMBL 'Online!, ID AE010555, pages 1-6, XP-002271994, "FUSOBACTERIUM NUCLEATUM SUBSP. NUCLEATUM ATCC 25586, SECTION 97 OF 197 OF THE COMPLETE GENOME", September 2, 2002 (English Abstract of KAPATRAL, et al., "GENOME SEQUENCE AND ANALYSIS OF THE ORAL BACTERIUM FUSOBACTERIUM NUCLEATUM STRAIN ATCC 25586", vol. 184, no. 7, pages 2005-218, April 7, 2002)									
	AQ	T. BARRY, et al., APR Methods & Applications, Cold Spring Harbor Laboratory Press, vol. 1, pages 51-56, XP-000609831, "THE 16s/23s RIBOSOMAL SPACER REGION AS A TARGET FOR DNA PROBES TO IDENTIFY EUBACTERIA", 1991									
	AR	Y-L. SONG, et al., FEMS Microbiology Letters, vol. 187, no. 2, pages 167-173, XP-002225666, "RAPID IDENTIFICATION OF 11 HUMAN INTESTINAL LACTOBACILLUS SPECIES BY MULTIPLEX PCR ASSAYS USING GROUP- AND SPECIES-SPECIFIC PRIMERS DERIVED FROM THE 16S-23S rRNA INTERGENIC SPACER REGION AND ITS FLANKING 23S rRNA", June 15, 2000									
	R. H. TULLIS, et al., Birkhauser, The Polymerase Chain Reaction, pages 124-129 and 144, XP-002273071, "DETECTION OF DNA HYBRIDS AND PCR REACTION PRODUCTS", 1994										
					Addi	Additional References sheet(s) attached					
Examiner					Date Considered						
				t citation is in conformance with MPEP 60 n with next communication to applicant.	09; Draw lii	ne through	citation	if not in			